

MONTHLY BULLETIN
OF
THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

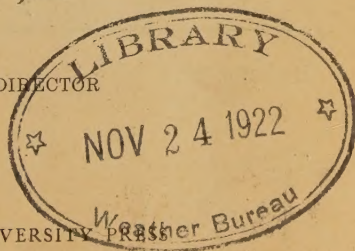
BEIRUT, SYRIA

LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

APRIL 1922

J. A. BROWN, DIRECTOR



PRINTED AT THE UNIVERSITY

APRIL 1922

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sun shine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min. on grass		
1	762.3	760.1	763.0	760.8	19.6	13.9			
2	55.9	53.7	50.2	53.3	19.9	14.8			1.02
3	4.5	6.8	7.8	6.4	19.3	14.7			1.02
4	9.0	60.2	61.9	60.4	20.1	14.9			9.01
5	62.8	2.1	2.8	2.6	20.3	12.8			
6	1.9	0.3	1.9	1.4	21.9	13.4			
7	2.0	4.4	1.7	2.7	21.1	15.6			
8	59.0	58.3	1.7	59.7	25.1	15.1			
9	61.6	61.0	1.4	61.3	20.2	14.5			0.76
10	1.7	2.4	3.4	2.5	20.2	11.8			6.09
11	5.1	4.7	4.7	4.8	20.5	13.9			
12	4.8	4.2	4.3	4.4	20.1	14.1			
13	2.5	0.1	59.8	0.8	21.4	15.6			
14	0.1	59.6	60.4	0.0	22.1	16.2			
15	59.9	9.3	59.4	59.5	22.2	15.1			
16	9.6	8.7	9.2	9.2	21.8	13.6			
17	60.8	62.3	64.0	62.4	21.1	15.2			0.25
18	6.0	5.8	6.5	6.1	20.5	13.8			
19	5.5	3.2	3.4	4.0	21.0	15.3			
20	58.7	57.1	57.0	57.6	27.7	17.1			
21	9.0	9.7	60.1	9.6	25.8	18.3			
22	9.0	9.7	1.5	60.1	27.8	18.3			
23	62.5	62.2	2.6	2.5	23.8	15.6			
24	2.4	1.5	0.4	1.4	21.2	14.6			
25	57.1	55.8	56.8	56.6	27.4	14.9			
26	8.0	8.7	9.9	9.9	22.7	16.8			
27	60.1	61.4	62.3	61.2	22.1	17.1			
28	5.2	5.6	6.1	5.6	22.2	16.2			
29	5.9	4.8	4.4	5.0	21.4	15.2			
30	3.4	1.8	1.8	2.3	21.5	16.1			
31									
	761.2	760.8	761.2	761.1	22.1	15.1			18.15

BAROMETER

Maximum 766.5 on 18th
Minimum 750.2 on 2nd

THERMOMETER

Maximum 27.8 on 22nd
Minimum 11.8 on 10th
Minimum on grass on

RAINFALL

Maximum 9.01 mm. on 4th

Number of days with rain 6 thunderstorms 0 fog 0 gale 0

APRIL 1922

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	18.2	18.9	15.7	17.6	14.4	15.4	13.5	10.0	10.8	10.1	10.3	64	67	77	69
2	17.4	17.6	18.2	17.7	15.2	16.3	16.0	11.4	12.9	12.1	12.1	77	86	78	80
3	16.6	18.8	15.6	16.7	14.9	15.2	13.9	11.6	10.6	10.7	11.0	82	66	82	77
4	17.2	19.5	15.7	17.5	14.4	14.5	14.0	10.5	9.5	10.8	10.3	72	56	81	70
5	17.8	19.6	15.6	17.7	14.9	15.8	14.1	10.9	11.0	11.0	11.0	72	65	84	74
6	17.8	21.2	16.7	18.6	15.5	17.0	15.2	11.6	11.8	11.9	11.8	77	63	83	74
7	18.6	20.1	16.2	18.3	16.2	15.4	16.2	12.1	11.6	12.4	12.0	76	63	91	77
8	20.5	22.7	17.3	20.2	16.9	18.1	14.4	12.0	12.5	10.4	11.6	67	61	71	66
9	16.8	18.2	15.5	16.8	14.4	13.6	11.8	10.2	9.1	8.3	9.2	76	58	63	66
10	16.6	19.8	16.7	17.7	14.0	14.3	14.0	10.3	9.2	10.3	10.3	74	53	73	67
11	17.9	20.3	16.1	18.1	14.8	16.6	15.0	10.6	11.6	12.0	11.4	69	65	89	74
12	18.4	19.8	16.0	18.1	15.7	16.8	14.1	11.4	12.2	11.0	11.5	73	71	82	75
13	19.5	21.1	18.8	19.8	16.3	17.7	17.3	11.7	12.8	13.7	12.7	69	70	85	75
14	19.6	21.4	17.2	19.4	17.8	17.7	15.8	13.9	12.5	12.4	12.9	82	67	85	80
15	19.3	21.7	16.6	19.2	15.6	16.6	15.4	10.8	10.9	12.3	11.3	65	56	88	70
16	18.5	21.5	17.0	19.0	15.8	17.1	14.1	11.6	11.7	10.2	11.2	73	61	71	68
17	17.3	20.3	16.3	18.0	14.0	15.2	13.9	9.9	9.9	10.3	10.0	68	55	75	66
18	18.3	20.3	17.2	18.6	14.9	15.1	14.0	10.5	9.8	10.0	10.1	67	54	68	63
19	19.5	20.4	18.7	19.5	20.7	17.7	17.0	10.3	13.1	13.2	12.2	61	73	82	72
20	22.8	27.4	21.5	23.9	18.1	17.9	17.6	12.4	10.2	12.4	11.7	60	37	65	54
21	21.2	24.6	19.7	21.8	17.1	18.5	16.6	11.3	12.0	12.0	11.8	55	52	70	60
22	22.4	23.7	18.3	21.5	17.2	18.7	16.0	11.5	12.7	12.9	12.4	56	58	83	66
23	20.1	22.8	18.4	20.4	16.9	15.8	15.5	12.2	10.7	12.6	11.8	70	52	81	68
24	18.9	20.7	16.7	18.8	14.6	15.9	19.9	9.8	10.4	10.8	10.3	61	58	77	65
25	20.7	25.2	19.3	22.1	14.4	18.8	17.8	8.9	11.7	14.0	11.5	49	46	84	60
26	20.1	22.1	18.3	20.2	17.1	18.2	16.2	12.5	12.9	12.2	12.5	72	65	79	72
27	20.0	20.2	18.4	19.5	17.0	15.0	15.9	12.4	9.7	11.9	11.3	71	55	76	77
28	19.4	21.9	17.6	19.6	14.9	16.7	15.0	12.0	11.0	11.1	10.7	59	56	74	60
29	19.8	20.8	19.6	19.1	16.1	16.9	15.2	11.2	11.3	10.3	11.1	65	64	61	63
30	20.5	21.1	19.6	20.4	16.6	17.8	17.3	11.5	12.9	13.2	12.5	64	69	78	70
31	19.0	21.2	16.8	19.1	15.6	16.6	15.5	11.2	10.7	11.6	11.3	68.2	61.5	77.9	69.2

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Gauge: above ground 0.56 m.; above sea level m.

Gravity Correction -0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

APRIL 1922

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	0	0	9cu s	3.0	0	In	0	86.3	v. slight	
2	10cu s	10n	3cu n	7.7	In	In	Ine	232.7	"	
3	10cu n	0	2ci	4.0	3ne	2nw	2sw	321.9	slight	
4	7cu	3cu	5cu n	5.0	3sw	2sw	1sw	442.5	"	
5	0	0	0	0	1sw	2sw	0	176.0	v. slight	
6	1cu	5cu s	0	2.0	0	1sw	0	106.1	calm	
7	1cu	2s	0	1.0	2sw	1sw	0	114.1	"	
8	1s	0	7cu	2.7	Ine	3sw	3sw	207.8	v. slight	
9	10n	9cu	10n	9.7	0	2sw	0	314.3	"	
10	10cu n	4cu	9cu n	7.7	1sw	1sw	1sw	237.4	"	
11	10n	1cu	1cu	4.0	1sw	1sw	0	203.3	"	
12	5s	6s	4s	5.0	0	In	0	195.0	calm	
13	10s	7s	10s	9.0	In	Ine	0	207.3	v. slight	
14	9cu s	0	0	3.0	Ine	In	0	294.0	calm	
15	0	0	0	0	1w	1sw	0	168.8	"	
16	1cu	1cu	0	0.7	2sw	2sw	2sw	410.0	"	
17	7cu n	0	In	2.7	3sw	3sw	In	257.5	v. slight	
18	2cu	0	0	0.7	1w	2n	3n	305.8	"	
19	3s	4s	0	2.3	In	3n	3n	303.7	"	
20	0	0	1cu	0.3	In	0	0	209.8	calm	
21	0	2s	0	0.7	1w	Inw	0	119.9	"	
22	6cu ci	4s	0	3.3	Ine	Ine	0	150.7	"	
23	0	0	0	0	0	1sw	0	155.1	"	
24	9cu s	8s	0	5.7	2sw	1sw	0	116.4	v. slight	
25	5cu s	1s	10n	5.3	0	2sw	1sw	139.0	calm	
26	10cu s	9cu s	9n s	9.3	2sw	2sw	0	182.6	v. slight	
27	3cu	7cu n	10cu n	5.7	1sw	3sw	2sw	246.2	slight	Few drops in p.m.
28	2cu	0	2n	1.3	2sw	2sw	0	160.9	"	
29	0	1	0	0.3	0	Ine	0	123.6	calm	
30	3s	0	0	1.0	2n	3ne	0	196.8	v. slight	
31								212.8		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	5	4	0	0	0	11	3	0	7
2:30	6	4	0	0	0	17	0	2	1
8:30	3	1	0	0	0	7	0	0	19
Totals	14	9	0	0	0	35	3	2	27